

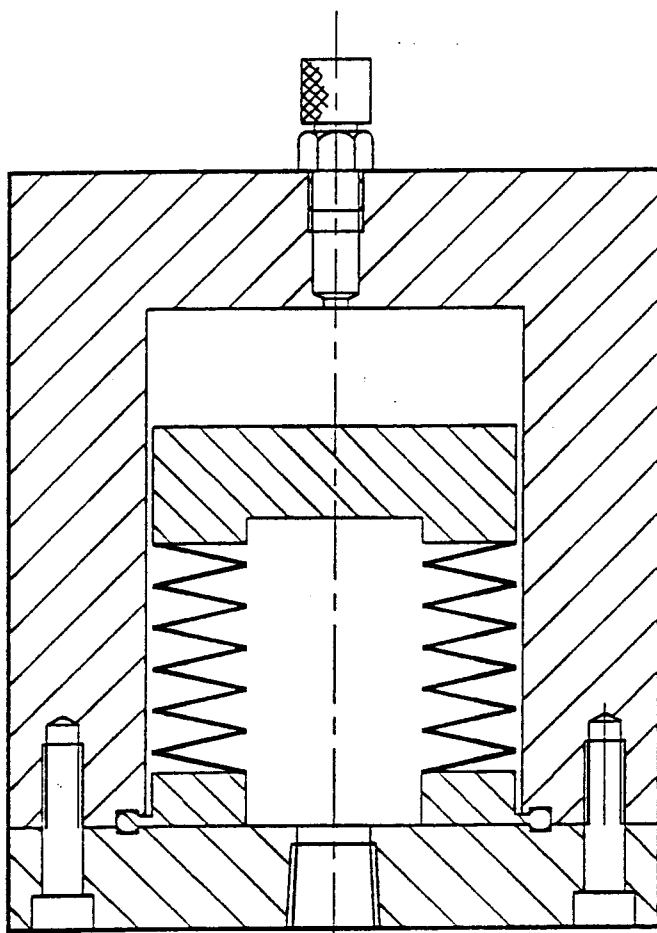
# PTFE BELLOWS PULSATION DAMPER

FB - Type A

## FB Series

Shell Material : 316 Stainless Steel, Carbon Steel, Titanium, Hastelloy C, Monel 400

Documentation: Standard Certification to DIN 50049 3.1b



Model Ref.	Volume (litres)	Pressure (bar)	Connection NPT female
FB 05	0.05	40	1/2"
FB 10	0.1	40	1/2"
FB 20	0.25	40	1/2"
FB 30	0.5	40	1"
FB 40	1.0	40	1 1/2"
FB 50	2.0	40	1 1/2"
FB 60	5.0	40	2"
FB 70	10	28	2"
Model Ref.	Diameter (mm)	Length (mm)	Weight (Kg)
FB 05	116	145	11
FB 10	130	150	14
FB 20	140	175	18
FB 30	165	180	23
FB 40	200	205	37
FB 50	228	240	53
FB 60	279	295	63
FB 70	380	550	305

Pressures are calculated in accordance with BS 5500 and are based on 316 stainless steel wetted parts and carbon steel shell at a design temperature of 50° C. The limiting pressure is the maximum precharge pressure which the PTFE bellows will withstand at 50° C. If the operating temperature is higher than this then the maximum precharge decreases.

The shell material is carbon steel as standard but can be 316 Stainless steel or polypropylene (depending on pressure) as an option. The base flange is and the bellows element are the only wetted parts.

### Bellows Elements

Options include 316 Stainless Steel, Hastelloy B, Titanium C276, Monel 400, Inconel 600 & 713

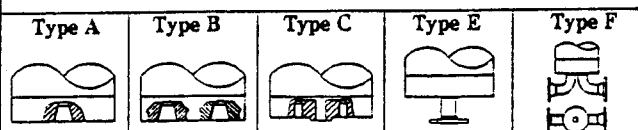
Standard material is PTFE

The full Flowguard Range includes models DP, DS, FB, FB/TD, FG, VG, FG/TD, FL & HG and can cover the following parameters: Maximum Volume : 2000 litre

Maximum Pressure : 1050 bar

Connections : Single & Twin, Threaded, or Welded Flanged

### Connection Options



Flowguard Ltd. Watford Bridge, New Mills, Stockport, Cheshire, SK12 4HJ, England.  
Tel +44 (0)1663 745976 Fax +44 (0)1663 742788

DATA SHEET No: FB-A  
DATE: 28-10-93 REV: 2